MARKED-UP VERSION OF AMENDED CLAIM

4.   (*Thrice Amended*) A method for constructing a target data file at a first computer from a reference file stored at the first computer and a source file at a remote second computer, the first computer acting as a receiving computer and the remote second computer acting as a [source] sending computer, such that the constructed target file is synchronized with the source file, said method comprising:

i)   requesting and receiving from the remote second computer a source file summary comprising a sequence of source key values being codes derived from data blocks of predetermined length making up the source file;

ii)   generating reference key values for respective contiguous portions of the reference file of predetermined length and, at the first computer, comparing the reference key values with the received source key values, to determine matches therebetween;

iii)   requesting and receiving from the remote second computer those data blocks from the source file for which no match was found between the corresponding source key value and the reference key values at the first computer; and

iv)   constructing at the first computer a target data file from the received source file data blocks and those contiguous portions of the reference file for which the corresponding reference key value was found to match a source key value, wherein the constructed target file is synchronized with the source file.